

I. INTRODUCTION

Claims 1-21, 41, 61 and 81 are pending in the above-identified application.

II. RESTRICTION REQUIREMENT

In the Restriction Requirement, the Examiner asserts that the above-identified application contains claims directed to more than one species of the generic invention. For such reason, the Examiner believes that the restriction of claims is proper, and now requires Applicants to elect one of the following alleged species:

Species A: corresponding to claim 2, allegedly drawn to a set of probes that is capable of detecting all known genotypes or all known haplotypes; or

Species B: corresponding to claims 3-20 and 81, allegedly drawn to a set of optimal probes or an optimal arrangement of probes.

Further, the Examiner has determined claims 1, 21, 41 and 61 to be generic.

Applicants hereby elect alleged Species B, corresponding to claims 3-20 and 81, without traverse, for prosecution in the above-identified application, and reserve the right to pursue any non-elected subject matter in the above-identified application and/or one or more applications claiming priority from the above-identified application.

Accordingly, the Restriction Requirement contained in the Office Action should therefore be withdrawn.

III. CONCLUSION

In light of the foregoing, Applicants respectfully submit that the pending claims are in condition for allowance. Prompt reconsideration and allowance of the present application are therefore earnestly solicited. The Examiner is invited to contact the undersigned to expedite the prosecution of this application if any issues remain outstanding.

Respectfully submitted,

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